

MATERIAL SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION DATA

EDERICK GUMM CHEMICAL COMPANY, INC.
538 Forest Street, Kearny, NJ 07032

CLEPO 88-A

Emergency Telephone Numbers:
CHEMTREC 800-424-9300 (24HR)
8:00 AM - 5:00 PM EST
201-991-4174 Information

D.O.T. HAZARD CLASS - Non-DOT Regulated
CHEMICAL FAMILY - Alkaline cleaner
CHEMICAL NAME/SYNONYMS - CLEPO 88-A
FORMULA - Mixture
MSDS REVIEWED BY - Keith Frey, V.P. Quality & Regulatory Affairs

Effective Date:
07-05-93

SECTION 2 - PHYSICAL DATA

BOILING POINT (Deg F) - NA
VAPOR PRESSURE (mm Hg) - NA
VAPOR DENSITY (air=1) - NA
SOLUBILITY IN WATER - Complete to 32 oz/gal
SPECIFIC GRAVITY (H2O=1) - NA
VOLATILE BY VOLUME - NA
EVAPORATION RATE (H2O=1) - NA

APPEARANCE & ODOR:
Off white powder

SECTION 3 - FIRE AND EXPLOSION DATA

FLASH POINT - None

EXTINGUISHING MEDIA:
This product is not combustible.

SPECIAL FIRE FIGHTING PROCEDURES:
Protective clothing and self-contained breathing apparatus should be worn by firefighters in areas where product is stored. Water spray, foam, dry chemical, or carbon dioxide may be used in areas where product is stored.

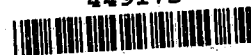
UNUSUAL FIRE AND EXPLOSION HAZARDS:
None

NFPA HAZARD CLASSIFICATION:

Health (Blue) - 1
Flammability (Red) - 0
Reactivity (Yellow) - 1

DEGREE OF HAZARD

4=Extreme
3=High
2=Moderate
1=Slight
0=Insignificant



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SECTION 4 - REACTIVITY DATA

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ABILITY: Stable

CONDITIONS TO AVOID: NA

INCOMPATIBILITY:

Strong acids

HAZARDOUS DECOMPOSITION PRODUCTS:

None

HAZARDOUS POLYMERIZATION: Will not occur

CONDITIONS TO AVOID: NA

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SECTION 5 - HAZARDOUS COMPONENTS

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PAINTS, PRESERVATIVES, AND SOLVENTS:

NA

ALLOYS AND METALLIC COATINGS:

NA

HAZARDOUS COMPONENTS

	CAS NUMBER	TLV	PEL	LD50	%
Sodium Silicate	6834-92-0	C 2	2	800	51.0
Tetrasodium Pyrophosphate	7722-88-5	5	NF	4000	24.0
Tri Sodium Phosphate	7601-54-9	NF	NF	7400	9.00
Borate Decahydrate	1303-96-4	5	NF	2660	10.0

TLV = Mg/M3 - PEL = Mg/M3 - LD50 = oral, rat, Mg/Kg - NF = None Found

- The indicated material, if any, is listed as a carcinogen or potential carcinogen by one or more of the following: National Toxicology Program, I.A.R.C. Monographs, OSHA.

** - The indicated material, if any, does not have an established TLV, but does appear on one or more of the following states hazardous substance lists: Connecticut, Illinois, Michigan, Maine, Massachusetts, Minnesota, New Hampshire, New Jersey, New York, Oregon, Rhode Island, West Virginia, and Wisconsin, and is present in this product in amounts greater than 1%.

& - The indicated material, if any, is subject to the reporting requirements of SARA Title III, Section 313

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SECTION 6 - SPILL, LEAK, AND DISPOSAL PROCEDURES

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SPILL & LEAK PROCEDURES:

Spilled material may be shoveled up, and stored in closed containers for possible normal use or proper disposal. Flush area with plenty of water.

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SECTION 6 - SPILL, LEAK, AND DISPOSAL PROCEDURES continued

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WASTE DISPOSAL METHODS:

Waste should not be discharged directly into sewers or streams.
Neutralize to a locally acceptable pH, depending on usage and locality.
May also require precipitation and filtration of heavy metals.

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SECTION 7 - HEALTH HAZARD DATA

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ROUTES OF EXPOSURE

INHALATION: Coughing, sneezing, or other symptoms of upper respiratory tract irritation may occur. Severe exposure may result in lung tissue damage.

SKIN CONTACT: Dry product can be a skin irritant. May cause severe burns if not washed immediately.

SKIN ABSORPTION: N/A

EYE CONTACT: Dry product can cause tissue destruction and permanent eye damage if not treated immediately.

INGESTION: Dry product burns mucous membranes of the mouth, throat, esophagus, and stomach.

EFFECTS OF OVEREXPOSURE

ACUTE: Burns the mucous membranes of the respiratory tract, mouth, throat, esophagus, and stomach. Burns to eye and skin and possible permanent corneal damage.

CHRONIC: The chronic local effect may consist of multiple areas of superficial destruction of the skin or of primary irritant dermatitis. Similarly, inhalation of spray or mists may result in varying degrees of irritation.

EMERGENCY AND FIRST AID PROCEDURES

EYES: IMMEDIATELY flush eyes with large amounts of water for at least 15 minutes holding lids apart to ensure flushing of the entire surface. Washing eyes within one minute is essential to achieve maximum effectiveness. Seek medical attention immediately.

SKIN: Wash with plenty of water for 15 minutes. Remove contaminated clothing and footwear, and wash clothing before reuse. Discard any piece of clothing or footwear that can not be decontaminated. Seek medical attention if symptoms are present.

INHALATION: Get person out of contaminated area to fresh air.

INGESTION: NEVER give anything by mouth to an unconscious person. If swallowed, DO NOT INDUCE VOMITING. Give large quantities of water. If available, give several glasses of milk. If vomiting occurs spontaneously, keep airway clear. Seek medical attention immediately.

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SECTION 8 - SPECIAL HANDLING PROCEDURES

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RESPIRATORY: Respiration protection is not required under normal use. Use NIOSH/MSHA approved respirator where dust, mist, or spray may be generated above TLV limit.

VENTILATION: Use adequate local exhaust ventilation where dust, mist, or spray may be generated to maintain level below TLV limit.

GLOVES: Impervious gloves should be worn (ex. rubber or neoprene).

EYES: Chemical safety goggles and/or face shield.

OTHER: Chemically resistant shoes and apron. Safety showers and eyewash facilities should be accessible. Wash contaminated clothing with soap and water, and dry before reuse.

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SECTION 9 - SPECIAL PRECAUTIONS

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HANDLING AND STORAGE PRECAUTIONS:

Avoid contact with the skin and eyes. Wash thoroughly after handling.

FOR POWDERS:

1. Store in a cool, dry area in a closed container.

OTHER PRECAUTIONS:

Keep container tightly closed when not in use. Wash thoroughly after handling. Containers, even those that have been emptied, will retain product residue and vapors. Always obey hazard warnings and handle empty containers as if they were full. Containers must not be used for any other purpose.

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